

DELHI PUBLIC SCHOOL BANGALORE SOUTH

Class: 12

**LAB ACTIVITY – 4 (2020-21)**

Subject: Computers

TOPIC: Interface Python with Mysql

Write a menu based Python program to perform the tasks given below. Use Python code to connect to the database test.

1. Create the table Hospital
2. Insert the data into the table as given below.

No	Name	Age	Department	Date of admission	Charge	Gender
1	Arpit	62	Surgery	21/01/06	300	M
2	Zarina	18	ENT	12/12/05	250	F
3	Kareem	22	Orthopedic	19/02/19	450	M
4	Abhilash	26	Surgery	24/11/06	300	M
5	Dhanya	24	ENT	20/10/15	350	F
6	Siju	23	Cardiology	10/10/18	800	M
7	Ankita	16	ENT	13/04/06	100	F
8	Divya	15	Cardiology	10/11/12	500	F
9	Nidhin	25	Orthopedic	12/05/06	700	M
10	Hari	28	Surgery	19/03/17	450	M

3. List the name of female patients who are in ent department.
4. List names of all patients with their date of admission in ascending order.
5. Count the no of patients in each department with age > 20.
6. Delete data of patients aged above 60 or those charged below 300.
7. Change the department of patients aged below 16 or below ,to Paediatric.
8. Accept a patient's name and delete the record.
9. Accept Department's name and Patients name. Change the respective records.
10. Accept new date from the user and replace all dates in the table , having year as 2006.